

सं० 24-10/2013-एस० एंड आई०

भारत सरकार

उपभोक्ता मामले, खाद्य और सार्वजनिक वितरण मंत्रालय

खाद्य और सार्वजनिक वितरण विभाग

कमरा सं.583, कृषि भवन, नई दिल्ली

दिनांक: 19<sup>th</sup> दिसम्बर, 2013

सेवा में,

सचिव, कृषि विभाग  
राज्य सरकारें/संघ राज्य क्षेत्र

उत्तर प्रदेश/उत्तराखंड/मध्यप्रदेश/बिहार/राजस्थान/  
गुजरात/दमण एवं दीव/दिल्ली/झारखंड/छत्तीसगढ़/दादरा  
एवं नगर हवेली/अरुणाचल प्रदेश/असम/पश्चिम/बंगाल/  
अंडमान एवं निकोबार द्वीप समूह/मेघालय/मणिपुर/  
मिजोरम/नागालैंड/सिक्किम/त्रिपुरा

सचिव (खाद्य एवं नागरिक आपूर्ति)  
राज्य सरकारें/संघ राज्य क्षेत्र

- वही -

निदेशक (कृषि), .....सरकार

- वही -

निदेशक (खाद्य एवं नागरिक आपूर्ति)..... सरकार

- वही -

कुलपति, कृषि विश्वविद्यालय

- वही -

प्रबंध निदेशक, राज्य भंडारण निगम

- वही -

प्रबंध निदेशक, भारतीय खाद्य निगम, नई दिल्ली

प्रबंध निदेशक, केन्द्रीय भण्डारण निगम,

नई दिल्ली

प्रबंध निदेशक, राष्ट्रीय सहकारी विकास निगम,

नई दिल्ली।

**विषय :** भारतीय अनाज संचयन प्रबंधन अनुसंधान संस्थान (आई.जी.एम.आर.आई), हापुड़ में 21/01/2014 से 03/03/2014 तक खाद्यान्नों के भंडारण और निरीक्षण की वैज्ञानिक पद्धति के संबंध में दीर्घकालिक प्रशिक्षण कार्यक्रम (बैच नं०-349)।

महोदय,

मुझे यह कहने का निदेश हुआ है कि भारतीय अनाज संचयन प्रबंधन अनुसंधान संस्थान, हापुड़ में खाद्यान्नों के भंडारण तथा निरीक्षण की वैज्ञानिक पद्धतियों पर अगला दीर्घकालिक प्रशिक्षण पाठ्यक्रम (बैच नं०-349) 21/01/2014 से 03/03/2014 तक चलेगा। यह पाठ्यक्रम 6 सप्ताह की अवधि का होगा तथा यह हिन्दी/अंग्रेजी भाषा में संचालित होगा।

2. प्रशिक्षण पाठ्यक्रम के विवरण, आवेदन के निर्धारित प्रपत्र तथा पाठ्यक्रम की एक-एक प्रति संलग्न है। यह पाठ्यक्रम बड़े पैमाने पर अनाज भंडारण यूनितों, फसल कटाई उपरांत अनाज प्रौद्योगिकी विस्तार तथा सार्वजनिक वितरण एजेंसियों के साथ कार्य कर रहे कर्मिकों की आवश्यकताओं को पूरा करने के लिए है ताकि खाद्यान्नों की खरीदारी, भंडारण, ढुलाई तथा वितरण के दौरान उपयुक्त गुणवत्ता नियंत्रण उपाय सुनिश्चित किए जा सकें।

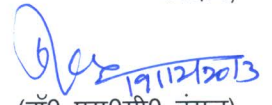
3. इस पाठ्यक्रम के लिए सरकारी कर्मचारियों से कोई शुल्क नहीं लिया जाता है। तथापि, निजी अभ्यर्थियों से 5000/- रूपए और विद्यार्थियों से 2500/- रूपए का पाठ्यक्रम शुल्क प्रभारित किया जाता है। अ.जा./अजजा. वर्ग के विद्यार्थियों से कोई शुल्क नहीं लिया जाएगा। तथापि, आवास भोजन तथा 5-7 दिन की अवधि के अनिवार्य अध्ययन दौरे से संबंधित व्यय प्रशिक्षुओं को वहन करना होगा। संस्थान के छात्रावास में आवास "पहले आओ - पहले पाओ" आधार पर अनुमोदित दरों पर उपलब्ध कराया जाता है।

4. अनुरोध है कि उपर्युक्त पाठ्यक्रम के लिए अपने संगठन से संबंधित उपयुक्त अभ्यर्थियों को नामित करने की कृपा करें। **नामांकन(नामांकनों) के इस विभाग में प्राप्त होने की अंतिम तारीख 13.01.2014 है।** नामांकन (नामांकनों) को निदेशक, भारतीय अनाज भंडारण प्रबंधन एवं अनुसंधान संस्थान, मेरठ रोड, हापुड़- 245101 के पते पर भेजा जाए। इस तारीख के बाद प्राप्त होने वाले नामांकन (नामांकनों) पर विचार नहीं किया जाएगा।

5. कृपया नोट कर लें कि अभ्यर्थी (अभ्यर्थियों) के नामांकन के बाद उनके नाम को वापस नहीं लेने दिया जाएगा। नामांकन वापस लेने/अथवा अभ्यर्थियों को न भेजने से अन्य अभ्यर्थियों के लिए सीटों को इस्तेमाल नहीं हो पाता है। अतः अनुरोध है कि यह सुनिश्चित करने के बाद ही नामांकन भेजे जाएं कि उपर्युक्त पाठ्यक्रम के लिए अभ्यर्थी (अभ्यर्थियों) को भेजा जाएगा।

संलग्नक: यथोपरि

भवदीय,

  
(डॉ० एस०सी० बंसल)

उप निदेशक (एस० एंड आर०)

कृते उप आयुक्त (एस० एंड आर०)

दूरभाष : 23383915

**प्रतिलिपि:-**

- |  |  |
|--|--|
| 1. उपर्युक्त सभी राज्यों/संघ राज्य क्षेत्रों के प्रबंध निदेशक, खाद्य एवं नागरिक आपूर्ति निगम | उपयुक्त अभ्यर्थियों को नामित करने के लिए   |
| 2. आंचलिक प्रबंधक/वरिष्ठ क्षेत्रीय प्रबंधक, भारतीय खाद्य निगम                                | उत्तर प्रदेश/उत्तराखंड/मध्यप्रदेश/बिहार/राजस्थान/गुजरात/दमण एवं दीव/दिल्ली/झारखंड/छत्तीसगढ़/दादरा एवं नगर हवेली/अरुणाचल प्रदेश/असम/मेघालय/मणिपुर/मिजोरम/नागालैंड/सिक्किम/त्रिपुरा/पश्चिम बंगाल/अंडमान एवं निकोबार द्वीप समूह |
| 3. क्षेत्रीय प्रबंधक, केन्द्रीय भण्डारण निगम   |  |

**प्रतिलिपि सूचनार्थ:-**

1. निदेशक, आईजीएमआरआई, हापुड़
2. प्रभारी अधिकारी, आईजीएमआरआई, फील्ड स्टेशन, लुधियाना/हैदराबाद एवं गुण नियंत्रण कार्यालय



No. 24-10/2013-S&I  
Government of India  
Ministry of Consumer Affairs, Food & Public Distribution  
Department of Food & Public Distribution,

Room No.583, Krishi Bhawan,  
New Delhi 19th December, 2013

To

The

Secretary/Deptt. of Agriculture State  
Govts./U.T

U.P./Uttrakhand/M.P/Bihar/Rajasthan/Gujrat/Daman  
&Diu/Delhi/Jharkhand/Chhatisgarh/Dadra & Nagar  
Haveli/Arunachal Pradesh/Assam/  
/West Bengal/Andaman & Nicobar Island Meghalaya/  
Manipur/Mizoram/Nagaland/Sikkim/Tripura

The Secretary (Food & Civil Supplies)  
State Govts./U.T

-do-

The Director (Agriculture), Govt. of

-do-

The Director (Food & Civil Supplies) Govt. of

-do-

The Vice Chancellor, Agriculture  
University

-do-

-do-

The Managing Director, State  
Warehousing Corporation

The Managing Director, FCI, New Delhi

The Managing Director, CWC, New Delhi

The Managing Director, NCDC, New Delhi

Sub: Long Term Training Course (**Batch No. 349**) on Scientific Method of Storage & Inspection of Foodgrains at the Indian Grain Storage Management & Research Institute (IGMRI), Hapur w.e.f **21/01/2014 to 03/03/2014**.

Sir,

I am directed to say that the next Long Term Training Course (**Batch No. 349**) on Scientific Method of Storage & Inspection of Foodgrains at the Indian Grain Storage Management & Research Institute (IGMRI), Hapur is scheduled to commence from **21/01/2014 to 03/03/2014**. The duration of the course will be Six weeks and the course will be conducted in English/Hindi Language.

2. A copy each of the details of the training course, prescribed proforma for application and the syllabus are enclosed. The course is meant to cater to the needs of officials working with the large scale Grain Storage Units, Post Harvest Grain Technology Extension and Public Distribution agencies to ensure suitable quality control measures during procurement, storage, transportation and distribution of foodgrains.

Contd...2/-

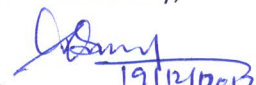
3. No course fee is charged for this course from Government employees. However, course fee of Rs. 5,000/- from Private Candidate and Rs. 2,500/- from student will be charged. No fee will be charged from students of SC/ST category. The trainees however, will have to bear expenses on boarding, lodging and compulsory study tour of 5-7 days duration. Accommodation in the Hostel attached to the Institute is provided on "First come-First served" basis, at the approved rates.

4. You are requested to sponsor suitable candidates belonging to your organization for admission to the above course. **The last date for receipt of nomination (s) by this Department is 13/01/2014.** The nomination (s) may be sent to Director, Indian Grain Storage Management & Research Institute, Meerut Road, Hapur-245101. The nomination (s) received after last date will not be entertained.

5. It may kindly be noted that withdrawal of name (s) after the nomination of the candidate (s) will not be entertained. The withdrawals of nomination and/or not deputing the candidate (s) result in non-utilization of seats for other candidates. It is, therefore, requested that the nomination may be made only after ensuring that the candidate (s) will be deputed for the above course.

Encl: As above

Yours faithfully,

  
(Dr. S.C. Bansal) 19/12/2013

Deputy Director (S&R)

For Deputy Commissioner (S&R)

Tel: 23383915

Copy To:-

1. Managing Directors of Food & Civil Supplies Corporation of all the above States/UT
2. Zonal Manager/Sr. Regional Manager, FCI
3. Regional Manager (CWC)

For sponsoring suitable candidates.

U.P/Uttarakhand/M.P/Bihar/Rajasthan/  
Gujrat/Daman&Diu/Delhi/Jharkhand/  
Chhatisgarh/Dadra & Nagar  
Haveli/ArunachalPradesh/Assam/  
Meghalaya/Manipur/Mizoram/  
Nagaland/Sikkim/Tripura/West  
Bengal/Andaman & Nicobar Island

Copy for information to:-

1. The Director, IGMRI, Hapur
2. The Officer-In-charge, IGMRI,
3. FS, Ludhiana/Hyderabad & QCC offices



## ANNEXURE-A

### SYLLABUS FOR LONG TERM TRAINING COURSE ON SCIENTIFIC METHOD OF 'STORAGE' AND 'INSPECTION' OF FOODGRAINS

#### A. STORAGE

1. General problems of storage of foodgrains at commercial/farm level.
2. Food policy of India a profile.
3. Source and detection of insect infestation in stored foodgrains.
4. Factors responsible for storage loss in foodgrains.
5. Traditional and modern methods of foodgrain storage.
6. Insect pest of stored grains and milled product, their identification, biology and nature of damage.
7. Control of stored grain insect pest.
8. Vertebrate pest and their control.
9. Toxic contaminants in foods, their effects and prevention.
10. Pesticide contaminants, tolerance limit of residues, anti-dots and precaution for safe handling of pesticide.
11. Pesticide formulation, their physical, chemical and biological property, method of handling application and their efficacy.
12. Principle of scientific godown construction. Metallic and non-metallic structure and their specifications.
13. Role of moisture in godowns, its measurement in foodgrains and milled product.
14. Godown management and code of storage practices.
15. Warehousing in India.
16. Principle for godown sanitation and hygiene.
17. General regulations applicable to grain stockist.
18. Scientific storage of fertilizer, onion, sugar and jaggery.
19. Safe storage of cereal seeds.
20. Fire fighting procedure.
21. Security measures in Ware house complex.
22. Fumigation of foodgrains by different fumigants including Methyle bromide.
23. Use of safety equipments such as phosphine detection, gas mask, etc.

Contd 2/-

## B. INSPECTION

1. Foodgrain production in the country-a background.
2. Morphology of cereals (wheat, rice, paddy etc.) their constituents and milling procedures.
3. Pulses, their important varieties, constituents, milling procedures.
4. Milling, processing, packaging of foodgrains and their finished products.
5. Handling and transportation of foodgrains, calculation of LAS.
6. Marketing practices of foodgrains and their procedure in India.
7. Inspection of foodgrains terminology, necessity and utility.
8. Sampling techniques and Grading of foodgrains.
9. Grain quality during storage of foodgrains, i.e., categorization, classification, grade designation, etc.
10. Uniform specifications of wheat, rice, paddy, maize, etc.
11. Damaged foodgrains, their categorization and disposal procedures.
12. Maintenance of godown accounts and book-keeping.
13. Consumer Protection Act and its importance.
14. General regulations application to grain stockist.
15. P.F.A and its importance.
16. Maintenance of aptitude and code of ethic by the civilian employees on equity justice dutifulness, integrity empathy and compassion during the service.
17. Warehouse receipts of foodgrains.
18. Minimum support price and Central Issue Price, their calculation and importance.
19. Issue of foodgrains to the State Government and their agencies for TPDS and other welfare schemes.



**DETAILS OF ADMISSION TO LONG TERM TRAINING COURSE ON  
SCIENTIFIC METHOD OF 'STORAGE' AND 'INSPECTION' OF  
FOODGRAINS**

1.	Type of course	Certificate course at Indian Grain Storage Management and Research Institute, Hapur, Ludhiana and Hyderabad
2.	Duration of course	Six weeks duration including 5 to 7 days excursion tours to various Organizations/Industries dealing with handling and storage of foodgrains.
3.	No.of seats	40( Forty)
4.	Syllabus	As per Annexure 'A'
5.	Procedure of admission	The trainees have to submit their candidature on prescribed form as per Annexure 'B' to the Joint Commissioner(S&R), Ministry of Consumer Affairs, Food & Public Distribution, Department of Food & Public Distribution, Krishi Bhawan, New Delhi-110001. In case seats are available, private candidates can be admitted by /Director, IGMRI, Hapur under intimation to the Department.
6.	Educational Qualification	(i) Applicant should possess degree in Agriculture/Biology/Science or equivalent. (ii) Adequate knowledge of English (iii) Educational qualifications are relaxed for the persons having experience in the field of storage and inspection of foodgrains. (iv) Private trainees have to produce a fitness certificate from a Registered Medical Practitioner.
7.	Fee	(i) Candidates from private firms -Rs.5000/- (ii) Candidates sponsored by Govt. Agencies/Autonomous bodies- 'NIL' (iii) Students (per candidate) - Rs.2,500/ (iv) No fee will be charged from the student of SC/ST category
8.	Hostel/Boarding charges	Double-bed, well furnished cubicles with or without attached toilet are available at the rate of Rs. 50/- per bed per day.( sponsored by Govt.,semi Govt. agencies) Private Trainees (Student and Farmers) at the rate of Rs. 10/- A canteen attached with the hostel is run by private contractor on payment basis.
9.	Evaluation	At the end of the training, the trainees are required to appear in a theory and practical examination. Only trainees securing minimum 40% marks in aggregate in theory and practical are awarded the certificate.
10.	Other facilities	(i) Well equipped library, Workshop, Laboratories. (ii) Recreation facilities are also available in the Institute

Note: The candidates are not allowed for admission after commencement of the training course. However, with valid reason to the satisfaction of Director/Officer In charge of IGMRI, the candidate can be allowed upto 3 days after commencement of the training course.

Government of India  
Ministry of Consumer Affairs Food & Public Distribution  
Department of Food Public Distribution  
**INDIAN GRAIN STORAGE MANAGEMENT & RESEARCH  
INSTITUTE, Hapur/Hyderabad/Ludhiana**

**APPLICATION FOR ADMISSION TO LONG TERM TRAINING  
COURSE**

**1. NAME OF APPLICANT:**

**2. FATHER'S NAME:**

**3. DATE OF BIRTH:**

**4. QUALIFICATIONS:**

S.No.	Name of the Board/Universities	Name of the Examination passed	Subjects	Year	Division

**5. EXPERIENCE in storage of foodgrains if any:**

**6. WHETHER THE APPLICANT BELONGS TO SC/ST:**

**7. POSTAL ADDRESS:**

**8. ADDRESS OF THE CONTROLLING/SPONSORING/AUTHORITY  
(In case of employed person)**

**Certified that I shall abide by the discipline at the Institute during the  
period of training.**

**Signature of Applicant**

**Remarks of the recommending Authority**

**Date:**

**Signature**

**Place:**

**Designation:**